

SEQUENCE LISTING

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Gool, Leon Van

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<120> Mammal with Inhibition of the Poly(ADP Ribose)Polymerase and Method for Using Same to Identify Cancerigenic Agents

<130> 4121-115

<140> US 09/446,808

<141> 2000-07-21

<150> PCT/DE98/01797

<151> 1998-06-24

<150> German Application No. 197 26 702.5

<151> 1997-06-24

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 2010

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(2010)

<223> Ava I fragment of the human cytokeratin promoter

<400> 1 60 cccgggctcc ggagcttcta ttcctgggcc ctgcataaga aggagacatg gtggtgg 120 tggtgggtgg gggtggtggg gcacagagga agccgatgct gggctctgca ccccattccc 180 gctcccagat ccctctggat atagcacccc ctccagtgag cacagcctcc ccttgcccca 240 cagccaacag caacatgcct cccaacaaag catctgtccc tcagccaaaa cccctgttgc ctctctctgg ggaaattgta gggctgggcc agggtggggg gaccattctc tgcagggaga 300 ttaggagtgt ctgtcagggg cgggtggagc ggggtggggc cctggcttac tcacatcctt 360 420 gagagteett tgetggeaga tttggggage ceacagetea gatgtetgte teageattgt cttccaagct cctaggccac agtagtgggg cgctcccttc tctggcttct tctttggtga 480 540 cagtcaaggt ggggttgggg gtgacgaagg gtcctgcttc tcttctagga gcagttgatc 600 ccaggaagag cattggagcc tccagcaggg gctgttgggg cctgtctgag gagataggat 660 gcgtcaggca gccccagaca cgatcacatt cctctcaaca tgcctgccgg ggtctgtgga 720 qccqaqqqqc tqatqggagg gtggggtggg ggccggaagg gtttgctttg ggaggttgtc tgggagattg ctgaagtttt gatatacaca cctccaaagc aggaccaagt ggactcctag 780 840 aaatgtcccc tgacccttgg ggcttcagga gtcagggacc ctcgtgtcca cctcagcctt 900 gcccttgcac agcccagctc cactccagcc tctactcctc cccagaacat ctcctgggcc 960 agttccacaa ggggctcaaa cgagggcacc tgagctgccc acactaggga tgttctgggg 1020 gtctgagaag atatctgggg ctggaagaat aaaaggcccc cctaggcctg ttcctggatg cagctccagc cactttgggg ctaagcctgg gcaataacaa tgccaacgag gcttcttgcc 1080 atactcggtt tacaaaaccc tttacataca ttgtcgcatt ggattctcag agctgactgc 1140 actaagcaga atagatggta tgactcccac tttgcagatg agaacactga ggctcagaga 1200 agtgcgaagc cctgggtcac agaggcgtaa atgcagagcc aggacccacc tgaagaccca 1260 1320 cctgactcca ggatgtttcc tgcctccatg aggccacctg ccctatggtg tggtggatgt

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<210> 2

<211> 1161

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(1161)

<223> DNA-binding domain of the human poly(ADP ribose)polymerase

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gactcgctcc ggatggccat catggtgcag tcgcccatgt ttgatggaaa agtcccacac 180
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420 ggtgactttg cagcagagta tgccaagtcc aacagaagta cgtgcaaggg gtgtatggag 480 aagatagaaa agggccaggt gcgcctgtcc aagaagatgg tggacccgga gaagccacag 540 ctaggcatga ttgaccgctg gtaccatcca ggctgctttg tcaagaacag ggaggagctg 600 ggtttccggc ccgagtacag tgcgagtcag ctcaagggct tcagcctcct tgctacagag 660 gataaagaag ccctgaagaa gcagctccca ggagtcaaga gtgaaggaaa gagaaaaggc 720 gatgaggtgg atggagtgga tgaagtggcg aagaagaaat ctaaaaaaga aaaagacaag 780 qataqtaaqc ttgaaaaaqc cctaaaggct cagaacgacc tgatctggaa catcaaggac 840 gagctaaaga aagtgtgttc aactaatgac ctgaaggagc tactcatctt caacaagcag 900 caagtgcctt ctggggagtc ggcgatcttg gaccgagtag ccgatggcat ggtgttcggt 960 gccctccttc cctgcgagga atgctcgggt cagctggtct tcaagagcga tgcctattac 1020 tgcactgggg acgtcactgc ctggaccaag tgtatggtca agacacagac acccaaccgg aaggagtggg taaccccaaa ggaattccga gaaatctctt acctcaagaa attgaaggtt 1080 1140 aaaaagcagg accgtatatt ccccccagaa accagcgcct ccgtggcggc cacgcctccg 1161 ccctccacag cctcggccta g

<210> 3

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<221> polyA_signal

<222> (1)..(486)

<223> PolyA signal of the human cytokeratin promoter

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tatctgagtt gcataattct cgcctctctc tggtcattgt taggagtggg ggtggggaga 180

aagtgg	gaga	agcatctctt	tggagcttgt	catagcacct	ggctatggcc	cctgggactg	240
ggagaaa	aagt	cctgggggtg	ggttgggctc	aggtcccagg	atatctttcg	ccatctcaga	300
agacaca	agat	agatgtgtgt	accaggtcat	atgtggtgtc	tcctagggta	cggagggata	360
ttcatto	catt	tactcactca	ttttcatgtg	tgtccattca	ttcaccagat	attgagtgcc	420
tctatgt	tcag	gcactatgtt	aggttaagga	ttcctgatgt	ttttgtgatc	agggattcct	480
tggaga							486
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<400> 4 atggcggagt cttcggataa gctcta							26
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<222> (1)..(23)

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23